

**The TexCom Application**

Jose Torres to: KHoffman

Cc: Philip Dellinger

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permeability.

The file in attachment **AttNo09.jpg** illustrates a well log segment for a better developed, 102' thick sand body in the Cockfield. Porosity readings from this log segment and their corresponding permeabilities (also estimated as previously described) are posted in the attached file **AttNo10.xls**. The weighted average permeability for the portions of this sand body most likely to be perforated is about 182 md, which compares favorably with that of the much thinner cored interval (160 md).

We are under the impression that the above information does not appear to support the use of porosity values of 30% and average permeabilities of 500 md across the entire proposed injection zone at the location of the WDW-315 well (and apparently, not even across the thicker sand bodies). Therefore, I suspect that you and the members of the UIC team at TCEQ must have held some interesting discussions over the issue of credible predictions for the reservoir pressure response to the proposed injection operations. I also suspect that one of the main reasons for having implemented the revisions to the technical evaluation that the citizens have so adamantly brought up for discussion before EPA may have a lot to do with the choice of permeability values. We do not have as yet enough information on this project to believe that other parameters may also involve uncertainties which may have helped justify the revisions, but realize that this is frequently the case in this type of geological/engineering evaluations.

If at all possible, please provide us with details on what has been done, by the operator and by TCEQ, in connection with predictions of the reservoir pressure response, the radius of endangering influence and the identification of potential points of endangerment to the USDWs. I realize how difficult it can be to explain a problem of this nature in an e-mail or on paper, much less over the phone, since the amount of information involved can be staggering. Please feel free to suggest a format for discussing this matter, I believe that even a face to face meeting as part of a file review trip to Austin can be justified with our management.

Last but not least, my apologies for this lengthy e-mail, I really appreciate your patience in reading me up to this point. Hopefully, it has conveyed to you a good idea of what we have seen so far, and will make it easier to continue our discussions. Have a nice day. Sincerely,

Jose Eduardo Torres - 6WQ-SG
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